



Global climate change: A cause of concern

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Abstract:

Climate change has been recognized as the foremost environmental problem of the twenty-first century and has become a subject of considerable debate. It is predicted to lead to adverse, irreversible impacts on earth and the ecosystem as a whole. Although it is difficult to connect specific weather events to global warming, increases in global temperatures have been predicted to cause broader changes, including glacial retreat, arctic shrinkage, and worldwide sea level rise. Climate change has been implicated in mass mortalities of many aquatic species, including plants, fish, corals, and mammals. Climate change is an emerging threat to global public health and is predicted to affect human health in many ways including heat stress (stroke), air pollution, food scarcity, spread of infectious diseases and intensity of disease outbreaks. Thus, 'Global Climate Change' has been a major issue that has created global concern and this has been highlighted by awarding the 2007 Nobel Peace Prize for this cause, on the Intergovernmental Panel on Climatic Change (IPCC) and Albert Arnold (Al) Gore Jr., the former American Vice-President, jointly. The present paper focuses on different aspects of 'global climate change'; the causes, predicted impacts, probable steps for mitigation and the need for greater understanding of climate change and bringing global awareness on the issue.

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Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Security, Food/Water Security, Glacier/Snow Melt, Human Conflict/Displacement, Precipitation, Sea Level Rise, Solar Radiation, Temperature

Air Pollution: Allergens, Particulate Matter

Extreme Weather Event: Drought, Flooding

Food/Water Security: Fisheries, Food Access/Distribution, Nutritional Quality

Temperature: Extreme Heat, Fluctuations

Geographic Feature:

resource focuses on specific type of geography

Climate Change and Human Health Literature Portal

Ocean/Coastal

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Cardiovascular Effect, Developmental Effect, Infectious Disease, Mental Health/Stress, Respiratory Effect

Cardiovascular Effect: Stroke

Developmental Effect: Cognitive/Neurological

Infectious Disease: Foodborne/Waterborne Disease, General Infectious Disease, Vectorborne Disease

Foodborne/Waterborne Disease: Cholera, Other Diarrheal Disease

Vectorborne Disease: Fly-borne Disease, Mosquito-borne Disease

Fly-borne Disease: Other Fly-borne Disease

Fly-borne Disease (other): Filariasis

Mosquito-borne Disease: Dengue, Malaria

Mental Health Effect/Stress: Other Mental Disorder

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

Resource Type:

format or standard characteristic of resource

Review

Timescale:

time period studied

Time Scale Unspecified